

Claims

- Sub B9
1. A flexible milk hose for connecting a teat cup to a multiway valve in an automatic milking plant, comprising:

a first end portion for connection to a connecting neck of the teat cup,

a second end portion for connection to a connecting neck of the multiway valve, and

a centre piece, wherein

the centre piece has a higher flexibility than said first and second end portions, said higher flexibility increasing towards the middle of the centre piece.

2. A flexible milk hose according to claim 1, wherein

the centre piece comprises spaced-apart reinforcement elements enclosing, at least partially, the circumference of a certain area of the centre piece.

3. A flexible milk hose according to claim 2, wherein

the reinforcement elements are made, at least partially, of a material whose elasticity is lower than that of a material which has been used for producing an area between said spaced-apart reinforcement elements.

4. A flexible milk hose according to claim 3, wherein

the reinforcement elements comprise a metal or a plastic material or other materials whose hardness is greater than that of the milk hose.

- Sub B10
- A flexible milk hose according to claims 3 or 4, wherein

the distance between two respective neighbouring reinforcement elements decreases from the middle of the centre piece towards the respective first and second end portions.